

RAW SEQUENCE LISTING

**The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.**

Application Serial Number: 10/798,790 A
Source: JFWO
Date Processed by STIC: 06/02/2006

ENTERED



IFWO

RAW SEQUENCE LISTING

DATE: 06/02/2006

PATENT APPLICATION: US/10/798,790A

TIME: 10:43:32

Input Set : E:\REL4-2US.ST25.txt

Output Set: N:\CRF4\06022006\J798790A.raw

3 <110> APPLICANT: Totey, Satish
 4 Ravindran, Geeta
 6 <120> TITLE OF INVENTION: DERIVATION OF TERMINALLY DIFFERENTIATED DOPAMINERGIC NEURONS
 FROM
 7 HUMAN EMBRYONIC STEM CELLS
 9 <130> FILE REFERENCE: REL494/4-002US
 11 <140> CURRENT APPLICATION NUMBER: 10/798,790A
 12 <141> CURRENT FILING DATE: 2004-03-11
 14 <150> PRIOR APPLICATION NUMBER: 269/Mum/2003
 15 <151> PRIOR FILING DATE: 2003-03-12
 17 <150> PRIOR APPLICATION NUMBER: 60/520,048
 18 <151> PRIOR FILING DATE: 2003-11-14
 20 <160> NUMBER OF SEQ ID NOS: 12
 22 <170> SOFTWARE: PatentIn version 3.3
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 20
 26 <212> TYPE: DNA
 27 <213> ORGANISM: Homo sapiens
 29 <400> SEQUENCE: 1
 30 tgctcagagca gccccgaggtc 20
 33 <210> SEQ ID NO: 2
 34 <211> LENGTH: 20
 35 <212> TYPE: DNA
 36 <213> ORGANISM: Homo sapiens
 38 <400> SEQUENCE: 2
 39 ccaagagcag cccatcaaag 20
 42 <210> SEQ ID NO: 3
 43 <211> LENGTH: 20
 44 <212> TYPE: DNA
 45 <213> ORGANISM: Homo sapiens
 47 <400> SEQUENCE: 3
 48 gcagtcgagc ttctcagagcc 20
 51 <210> SEQ ID NO: 4
 52 <211> LENGTH: 21
 53 <212> TYPE: DNA
 54 <213> ORGANISM: Homo sapiens
 56 <400> SEQUENCE: 4
 57 tctgcggctc atcgtcttaa g 21
 60 <210> SEQ ID NO: 5
 61 <211> LENGTH: 26
 62 <212> TYPE: DNA
 63 <213> ORGANISM: Homo sapiens
 65 <400> SEQUENCE: 5
 66 cacgtactgg tgctacatta aggagc 26

RAW SEQUENCE LISTING

DATE: 06/02/2006

PATENT APPLICATION: US/10/798,790A

TIME: 10:43:32

Input Set : E:\REL4-2US.ST25.txt

Output Set: N:\CRF4\06022006\J798790A.raw

```

69 <210> SEQ ID NO: 6
70 <211> LENGTH: 26
71 <212> TYPE: DNA
72 <213> ORGANISM: Homo sapiens
74 <400> SEQUENCE: 6
75 aatggccatc actggcgtgt aacacc 26
78 <210> SEQ ID NO: 7
79 <211> LENGTH: 22
80 <212> TYPE: DNA
81 <213> ORGANISM: Homo sapiens
83 <400> SEQUENCE: 7
84 tgggtcaagac tgactcacag ca 22
87 <210> SEQ ID NO: 8
88 <211> LENGTH: 22
89 <212> TYPE: DNA
90 <213> ORGANISM: Homo sapiens
92 <400> SEQUENCE: 8
93 tctcgtcttt gtctgaacc gt 22
96 <210> SEQ ID NO: 9
97 <211> LENGTH: 22
98 <212> TYPE: DNA
99 <213> ORGANISM: Homo sapiens
101 <400> SEQUENCE: 9
102 tgaagagagc ggagaaggag at 22
105 <210> SEQ ID NO: 10
106 <211> LENGTH: 23
107 <212> TYPE: DNA
108 <213> ORGANISM: Homo sapiens
110 <400> SEQUENCE: 10
111 tctggagtta agaaatcgga gct 23
114 <210> SEQ ID NO: 11
115 <211> LENGTH: 20
116 <212> TYPE: DNA
117 <213> ORGANISM: Homo sapiens
119 <400> SEQUENCE: 11
120 ggaacatagc cgtaaactgc 20
123 <210> SEQ ID NO: 12
124 <211> LENGTH: 20
125 <212> TYPE: DNA
126 <213> ORGANISM: Homo sapiens
128 <400> SEQUENCE: 12
129 tcactgtgcc tgaacttacc 20

```

VERIFICATION SUMMARY

DATE: 06/02/2006

PATENT APPLICATION: US/10/798,790A

TIME: 10:43:33

Input Set : E:\REL4-2US.ST25.txt

Output Set: N:\CRF4\06022006\J798790A.raw